



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gen G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffie
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Milionig
Lawrence B. Bugalsky
Donald J. Featherstone
Michael V. Messinger
Judith U. Kim
Timothy J. Shea, Jr.

Patrick E. Garrett
Jeffrey T. Helvey*
Heidi L. Kraus
Crystal D. Sayles
Edward W. Yee
Albert L. Ferno*
Donald R. Banowitz
Peter A. Jackson
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Albert J. Fasulo II*
Eldora Ellison Floyd
W. Russell Swindell
Thomas C. Flala
Brian J. Del Buono*
Virgil Lee Beaston*
Reginald D. Lucas*

Kimberly N. Reddick
Theodore A. Wood
Elizabeth J. Haanes
Bruce E. Chalker
Joseph S. Ostroff
Frank R. Cunningham*
Christine M. Lhuiler
Rae Lynn Prengaman*
Jane Shershenovich*
Lawrence J. Carroll*
George S. Bardmessier

Senior Counsel
Samuel L. Fox
Kenneth C. Bass III

Registered Patent Agents
Karen R. Markowitz
Andrea J. Kamage

Nancy J. Leith
Joseph M. Conrad III
Ann E. Summerfield
Helene C. Carlson
Gaby L. Longsworth
Matthew J. Dowd
Aaron L. Schwartz
Angelique G. Uy
Boris A. Matvenko
Mary B. Tung
Katrina Y. Pei
Bryan L. Skelton
Jason D. Eisenberg

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*Admitted only in Virginia
*Admitted only in Texas

May 17, 2002

WRITER'S DIRECT NUMBER: (202) 371-2678

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MAY 21 2002
TC 1700

Art Unit 1743

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application
Appl. No. 10/041,605; Filed: January 10, 2002
For: **An In Vitro System for Determining Formation of A β Amyloid**
Inventors: Tanzi *et al.*
Our Ref: 0609.4100001/JAG/JUK

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 (28 pages) citing 91 documents;
3. Copies of the 91 documents: AA1, AB1, AC1, AD1, AE1, AF1, AG1, AH1, AL1, AR1, AS1, AT1, AR2, AS2, AT2, AR3, AS3, AT3, AR4, AS4, AT4, AR5, AS5, AT5, AR6, AS6, AT6, AR7, AS7, AT7, AR8, AS8, AT8, AR9, AS9, AT9, AR10, AS10, AT10, AR11, AS11, AT11, AR12, AS12, AT12, AR13, AS13, AT13, AR14, AS14, AT14, AR15, AS15, AT15, AR16, AS16, AT16, AR17, AS17, AT17, AR18, AS18, AT18, AR19, AS19, AT19, AR20, AS20, AT20, AR21, AS21, AT21, AR22, AS22, AT22, AR23, AS23, AT23, AR24, AS24, AT24, AR25, AS25, AT25, AR26, AS26, AT26, AR27, AS27, AT27, and AR28; and
4. A return postcard.

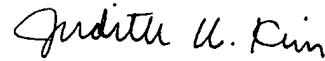
Commissioner for Patents
May 17, 2002
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim
Attorney for Applicants
Registration No. 40,679

JAG/JUK/SJE/tts
Enclosures

SKGF_DC1:13777.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tanzi *et al.*

Appl. No. 10/041,605

Filed: January 10, 2002

For: **An *In Vitro* System for
Determining Formation of A β
Amyloid**

Confirmation No. 5366

Art Unit: 1743

Examiner: *To be assigned*

Atty. Docket: 0609.4100001/JAG/JUK

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Information Disclosure Statement TC 1700

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each of these documents is provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language documents AL1 and AS5 cited on Form PTO 1449, for which English translations are not presently available:

Document **AL1**, WO 94/17197, contains a Specification in Japanese and an Abstract in English. A Derwent English language abstract of Document **AL1** is attached as Document **AR28**. The relevance of Document **AL1** can also be ascertained by reference to Document **AT27**, the International Search Report for International Application No. PCT/US94/11895.

Document **AS5** contains an abstract in English.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

If is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date, but before the mailing date of a first Office Action on the merits. No statement or fee is required.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim
Attorney for Applicants
Registration No. 40,679

Date: May 17, 2002

1100 New York Avenue, N.W.
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Washington, D.C. 20005-3934
(202) 371-2600

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 0609.4100001	APPLICATION NO. 10/041,605
			APPLICANT Tanzi et al.	
			FILING DATE 01/10/2002	GROUP 1743

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	4,666,829	05/19/1987	Glenner G.G. et al.	435	6	05/15/1985
	AB1	5,164,295	11/17/1992	Kisilevsky, R. et al.	435	7.8	03/06/1991
	AC1	5,231,000	07/27/1993	Majocha R. et al.	435	7.1	07/22/1991
	AD1	5,242,932	09/07/1993	Gandy S.E. et al.	514	313	12/17/1991
	AE1	5,262,332	11/16/1993	Selkoe, D.J.	436	518	09/19/1989
	AF1	5,276,059	01/04/1994	Caughey B. et al.	514	647	07/10/1992
	AG1	5,434,050	07/18/1995	Maggio, J.E. et al.	435	7.21	08/13/1991
	AH1	6,365,414 B1	04/02/2002	Tanzi, R.E. et al.	436	86	08/26/1994
	AI1						
	AJ1						
	AK1						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 94/17197	08/04/1994	WIPO			Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>1</u>	Assaf, S.Y. and Chung, S.H., "Release of endogenous Zn ²⁺ from brain tissue during activity," <i>Nature</i> 308:734-736, Macmillan Magazines, Ltd. (1984)
AS	<u>1</u>	Backstrom, J.R. et al., "Characterization of Neutral Proteinases from Alzheimer-Affected and Control Brain Specimens: Identification of Calcium-Dependent Metalloproteinases from the Hippocampus," <i>J. Neurochem.</i> 58:983-992, Raven Press, Ltd. (1992)
AT	<u>1</u>	Baker, R.J. et al., "Platelet Metal Levels in Normal Subjects Determined by Atomic Absorption Spectrophotometry," <i>Thrombos. Haemost.</i> 39:360-365, F.K. Schattauer Verlagsgesellschaft mbH (1978)

EXAMINER	DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Björkstén, B. et al., "Zinc and Immune Function in Down's Syndrome," <i>Acta Paediatr. Scand.</i> 69:183-187, Scandinavian University Press (1980)
AS	2	Burdick, D. et al., "Assembly and Aggregation Properties of Synthetic Alzheimer's A4/β Amyloid Peptide Analogs," <i>J. Biol. Chem.</i> 267:546-554, American Society for Biochemistry and Molecular Biology, Inc. (1992)
AT	2	Bush, A.I. et al., "The Amyloid Precursor Protein of Alzheimer's Disease Is Released by Human Platelets," <i>J. Biol. Chem.</i> 265:15977-15983, American Society for Biochemistry and Molecular Biology, Inc. (1990)

EXAMINER

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FORM PTO-1449

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Tanzi et al.

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	Bush, A.I. et al., "An Abnormality of Plasma Amyloid Protein Precursor in Alzheimer's Disease," <i>Ann. Neurol.</i> 32:57-65, American Neurological Association (1992)
	AS	3	Bush, A.I. et al., "A Novel Zinc(II) Binding Site Modulates the Function of the β A4 Amyloid Protein Precursor of Alzheimer's Disease," <i>J. Biol. Chem.</i> 268:16109-16112, American Society for Biochemistry and Molecular Biology, Inc. (August 1993)
	AT	3	Bush, A.I. et al., "Modulation of A β Adhesiveness and Secretase Site Cleavage by Zinc," <i>J. Biol. Chem.</i> 269:12152-12158, American Society for Biochemistry and Molecular Biology, Inc. (April 1994)

EXAMINER

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FORM PTO-1449

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	4	Cai, X-D. et al. "Release of Excess Amyloid β Protein from a Mutant Amyloid β Protein Precursor," <i>Science</i> 259:514-516, American Association for the Advancement of Science (January 1993)
AS	4	Candy, J.M. et al., "Aluminosilicates and Senile Plaque Formation in Alzheimer's Disease," <i>Lancet</i> 1:354-357, The Lancet (1986)
AT	4	Candy, J.M. et al., "Amorphous aluminosilicates promote nucleation of amyloid β protein and tachykinins," <i>Biochem. Soc. Trans.</i> 21:53S, Portland Press, Ltd. (Abstract) (1992)

EXAMINER	DATE CONSIDERED

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001		APPLICATION NO. 10/041,605	
			APPLICANT Tanzi et al.			
			FILING DATE 01/10/2002		GROUP 1743	

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	5	Chartier-Harlin, M-C. et al., "Early-onset Alzheimer's disease caused by mutations at codon 717 of the β -amyloid precursor protein gene," <i>Nature</i> 353:844-846, Macmillan Magazines, Ltd. (1991)
AS	5	Constantinidis, J. et al., "Alzheimer's disease: the zinc theory," <i>Encephale</i> 16:231-239, Masson Editeur (1990)
AT	5	Corrigan, F.M. et al., "Hippocampal tin, aluminum and zinc in Alzheimer's disease," <i>Biometals</i> 6:149-154, Rapid Communications of Oxford, Ltd. (July 1993)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Crapper McLachlan D.R. et al., "Intramuscular desferrioxamine in patients with Alzheimer's disease," <i>Lancet</i> 337:1304-1308, The Lancet (1991)
	AS	6	Davies, I.J.T. et al., "Measurements of plasma zinc," <i>J. Clin. Pathol.</i> 21:359-365, BMJ/British Medical Journal Publishing Group (1968)
	AT	6	Dawson, R.M.C. et al., "Krebs Mammalian Ringer Solutions," in <i>Data for Biochemical Research</i> , Dawson, R.M.C. et al., eds., 3 rd edition, Oxford University Press, pp.446-448, (1986)

EXAMINER	DATE CONSIDERED

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001	APPLICATION NO. 10/041,605
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	7	Duncan, M.W. et al., "Zinc, a Neurotoxin to Cultured Neurons, Contaminates Cycad Flour Prepared by Traditional Guamanian Methods," <i>J. Neurosci.</i> 12:1523-1537, Society for Neuroscience (1992)
AS	7	Esch, F.S. et al., "Cleavage of Amyloid β Peptide During Constitutive Processing of Its Precursor," <i>Science</i> 248:1122-1124, American Association for the Advancement of Science (1990)
AT	7	Fitzgerald, D.J., Maggio J.E. et al., and Bush A.I. et al., "Technical Comments: Zinc and Alzheimer's Disease," <i>Science</i> 268:1920-1923 (June 1995)

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	8	Folstein, M.F. et al., "Mini-metal state.' A practical method for grading the cognitive state of patients for the clinician," <i>J. Psychiatr. Res.</i> 12:189-198, Pergamon Press (1975)
AS	8	Franceschi, C. et al., "Oral zinc supplementation in Down's syndrome: restoration of thymic endocrine activity and of some immune defects," <i>J. Ment. Defic. Res.</i> 32:169-181, Blackwell Science, Ltd. (1988)
AT	8	Frederickson, C.J. et al., "Cytoarchitectonic Distribution of Zinc in the Hippocampus of Man and the Rat," <i>Brain Res.</i> 273:335-339, Elsevier Science Publishers B.V. (1983)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	9	Frederickson, C.J. et al., "Zinc-containing 7S-NGF Complex. Evidence From Zinc Histochemistry for Localization in Salivary Secretory Granules," <i>J. Histochem. Cytochem.</i> 35:579-583, The Histochemical Society, Inc. (1987)
AS	9	Frederickson, C.J., "Neurobiology of zinc and zinc-containing neurons," <i>Int. Rev. Neurobiol.</i> 31:145-238, Academic Press, Inc. (1989)
AT	9	Fredericq, E., "The Association of Insulin Molecular Units in Aqueous Solutions," <i>Arch. Biochem. Biophys.</i> 65:218-228, Academic Press, Inc. (1956)

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	AR	<u>10</u>	Galasko, D. et al., "Monitoring Progression in Alzheimer's Disease," <i>J. Am. Geriatr. Soc.</i> 39:932-941, American Geriatrics Society (1991)
	AS	<u>10</u>	Garruto, R.M. et al., "Imaging of calcium and aluminum in neurofibrillary tangle-bearing neurons in parkinsonism-dementia of Guam," <i>Proc. Natl. Acad. Sci. USA</i> 81:1875-1879, National Academy Press (1984)
	AT	<u>10</u>	Garzon-Rodriguez, W. et al., "Soluble Amyloid β -(1-40) Exists as a Stable Dimer at Low Concentrations," <i>J. Biol. Chem.</i> 272:21037-21044, American Society for Biochemistry and Molecular Biology, Inc. (August 1997)

EXAMINER	DATE CONSIDERED

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.4100001APPLICATION NO.
10/041,605APPLICANT
Tanzi et al.FILING DATE
01/10/2002GROUP
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>11</u>	Glenner, G.G. and Wong C.W., "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein," <i>Biochem. Biophys. Rev. Commun.</i> 120:885-890, Academic Press, Inc. (1984)
AS	<u>11</u>	Goate, A. et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," <i>Nature</i> 349:704-706, Macmillan Magazines, Ltd. (1991)
AT	<u>11</u>	Goldgaber, D. et al., "Characterization and Chromosomal Localization of a cDNA Encoding Brain Amyloid of Alzheimer's Disease," <i>Science</i> 235:877-880, The American Association for the Advancement of Science (1987)

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001		APPLICATION NO. 10/041,605	
			APPLICANT Tanzi et al.			
			FILING DATE 01/10/2002		GROUP 1743	

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	AO						Yes No
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AR	<u>12</u>	Goldman, J. and Carpenter, F.H., "Zinc Binding, Circular Dichroism, and Equilibrium Sedimentation Studies on Insulin (Bovine) and Several of Its Derivatives," <i>Biochemistry</i> 13:4566-4574, American Chemical Society (1974)
AS	<u>12</u>	Guirroy, D.C. et al., "Amyloid of neurofibrillary tangles of Guamanian parkinsonism-dementia and Alzheimer disease share identical amino acid sequence," <i>Proc. Natl. Acad. Sci. USA</i> 84:2073-2077, National Academy Press (1987)
AT	<u>12</u>	Haas, C. et al., "Amyloid β -peptide is produced by cultured cells during normal metabolism," <i>Nature</i> 359:322-325, Macmillan Magazines, Ltd. (1992)

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AR	<u>13</u>	Halverson, K. et al., "Molecular Determinants of Amyloid Deposition in Alzheimer's Disease: Conformational Studies of Synthetic β -Protein Fragments," <i>Biochemistry</i> 29:2639-2644, American Chemical Society (1990)
AS	<u>13</u>	Hendricks, L. et al., "Presenile dementia and cerebral haemorrhage linked to a mutation at codon 692 of the β -amyloid precursor protein gene," <i>Nat. Genet.</i> 1:218-221, Nature America, Inc. (1992)
AT	<u>13</u>	Hershey, C.O. et al., "Cerebrospinal fluid trace element content in dementia: Clinical, radiologic, and pathologic correlations," <i>Neurology</i> 33:1350-1353, Lippencott, Williams & Wilcott (1983)

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001		APPLICATION NO. 10/041,605	
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AR	<u>14</u>	Hilbich. C. et al., "Aggregation and Secondary Structure of Synthetic Amyloid β A4 Peptides of Alzheimer's Disease," <i>J. Mol. Biol.</i> 218:149-163, Academic Press, Ltd. (1991)
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AT	<u>14</u>	Howell, G.A. et al., "Stimulation-induced uptake and release of zinc in hippocampal slices," <i>Nature</i> 308:736-738, Macmillan Magazines, Ltd. (1984)

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AR	<u>15</u>	Hyman, B.T. et al., "Perforant Pathway Changes and the Memory Impairment of Alzheimer's Disease," <i>Ann. Neurol.</i> 20:472-481, American Neurological Association (1986)
AS	<u>15</u>	Jarrett, J.T. et al., "The Carboxy Terminus of the β Amyloid Protein Is Critical for the Seeding of Amyloid Formation: Implications for the Pathogenesis of Alzheimer's Disease," <i>Biochemistry</i> 32:4693-4697, American Chemical Society (May 1993)
AT	<u>15</u>	Johnstone, E.M. et al., "Conservation of the sequence of the Alzheimer's disease amyloid peptide in dog, polar bear and five other mammals by cross-species polymerase chain reaction analysis," <i>Mol. Brain. Res.</i> 10:299-305, Elsevier Science Publishers B.V. (1991)

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FORM PTO-1449

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ATTY. DOCKET NO.
0609.4100001

APPLICATION NO.
10/041,605

APPLICANT
Tanzi et al.

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AR	<u>16</u>	Kang, J. et al., "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor," <i>Nature</i> 325:733-736, Macmillan Magazines, Ltd. (1987)
AS	<u>16</u>	Kim, K.S. et al., "Detection and Quantitation of Amyloid B-Peptide with 2 Monoclonal Antibodies," <i>Neurosci. Res. Comm.</i> 7:113-122, John Wiley & Sons, Ltd. (1990)
AT	<u>16</u>	Koh, J-Y. et al., " β -Amyloid protein increases the vulnerability of cultured cortical neurons to excitotoxic damage," <i>Brain Res.</i> 533:315-320, Elsevier Science Publishers B.V. (1990)

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	AR	17	Koo, E.H. et al., "Amyloid β -protein as a substrate interacts with extracellular matrix to promote neurite outgrowth," <i>Proc. Natl. Acad. Sci. USA</i> 90:4748-4752, National Academy Press (May 1993)
	AS	17	Levy, E. et al., "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type" <i>Science</i> 248:1124-1126, American Association for the Advancement of Science (1990)
	AT	17	Lui, E. et al., "Metals and the Liver in Alzheimer's Disease. An Investigation of Hepatic Zinc, Copper, Cadmium, and Metallothionein," <i>J. Am. Geriatr. Soc.</i> 38:633-639, American Geriatrics Society (1990)

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AR	<u>18</u>	Maggio, J.E. et al., "Reversible in vitro growth of Alzheimer disease β -amyloid plaques by deposition of labeled amyloid peptide," <i>Proc. Natl. Acad. Sci. USA</i> 89:5462-5466, National Academy Press (1992)
AS	<u>18</u>	Mantyh, P.W. et al., "Aluminum, Iron, and Zinc Ions Promote Aggregation of Physiological Concentrations of β -Amyloid Peptide," <i>J. Neurochem.</i> 61:1171-1174, Raven Press, Ltd. (September 1993)
AT	<u>18</u>	Masters, C.L. et al., "Neuronal origin of a cerebral amyloid: neurofibrillary tangles of Alzheimer's disease contain the same protein as the amyloid of plaque cores and blood vessels," <i>EMBO J.</i> 4:2757-2763, IRL Press, Ltd. (1985)

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001		APPLICATION NO. 10/041,605	
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>19</u>	Masters, C.L. et al., "Amyloid plaque core protein in Alzheimer disease and Down syndrome," Proc. Natl. Acad. Sci. USA 82:4245-4249, National Academy Press (1985)
	AS	<u>19</u>	Milward, E.A. et al., "The Amyloid Protein Precursor of Alzheimer's Disease Is a Mediator of the Effects of Nerve Growth Factor on Neurite Outgrowth," Neuron 9:129-137, Cell Press (1992)
	AT	<u>19</u>	Mullan, M. et al., "A pathogenic mutation for probable Alzheimer's disease in the APP gene at the N-terminus of β -amyloid," Nat. Genet. 1:345-347, Nature America, Inc. (1992)

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AR	<u>20</u>	Murrell, J. et al., "A Mutation in the Amyloid Precursor Protein Associated with Hereditary Alzheimer's Disease," <i>Science</i> 254:97-99, American Association for the Advancement of Science (1991)
AS	<u>20</u>	Pérez-Clausell, J. and Danscher, G., "Intravesicular Localization of Zinc in Rat Telencephalic Boutons. A Histochemical Study," <i>Brain Res.</i> 337:91-98, Elsevier Science Publishers B.V. (1985)
AT	<u>20</u>	Perl, D.P. and Brody, A.R., "Alzheimer's Disease: X-ray Spectrometric Evidence of Aluminum Accumulation in Neurofibrillary Tangle-Bearing Neurons," <i>Science</i> 208:297-299, American Association for the Advancement of Science (1980)

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PARENTAL TRAUMA/ABUSE

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 0609.4100001	APPLICATION NO. 10/041,605	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>21</u>	Perl, D. et al., "Intraneuronal Aluminum Accumulation in Amyotrophic Lateral Sclerosis and Parkinsonism-Dementia of Guam," <i>Science</i> 217:1053-1055, American Association for the Advancement of Science (1982)
AS	<u>21</u>	Robakis, N.K. et al., "Molecular cloning and characterization of a cDNA encoding the cerebrovascular and the neuritic plaque amyloid peptides," <i>Proc. Natl. Acad. Sci. USA</i> 84:4190-4194, National Academy Press (1987)
AT	<u>21</u>	Rumble, B. et al., "Amyloid A4 Protein and Its Precursor in Down's Syndrome and Alzheimer's Disease," <i>N. Engl. J. Med.</i> 320:1446-1452, New England Journal of Medicine (1989)

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AR	<u>22</u>	Schubert, W. et al., "Localization of Alzheimer β A4 amyloid precursor protein at central and peripheral synaptic sites," <i>Brain Res.</i> 563:184-194, Elsevier Science Publishers B.V. (1991)
AS	<u>22</u>	Seubert, P. et al., "Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids," <i>Nature</i> 359:325-327, Macmillan Magazines, Ltd. (1992)
AT	<u>22</u>	Shivers, B.D. et al., "Alzheimer's disease amyloidogenic glycoprotein: expression pattern in rat brain suggests a role in cell contact," <i>EMBO J.</i> 7:1365-1370, IRL Press, Ltd. (1988)

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AS	<u>23</u>	Sisodia, S.S. et al., "Evidence that β -Amyloid Protein in Alzheimer's Disease Is Not Derived by Normal Processing," <i>Science</i> 248:492-495, American Association for the Advancement of Science (1990)
AT	<u>23</u>	Stewart, G.R. et al., "Cholinergic Denervation-Induced Increase of Chelatable Zinc in Mossy-Fiber Region of the Hippocampal Formation," <i>Brain Res.</i> 290:43-51, Elsevier Science Publishers, B.V. (1984)

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AR	<u>24</u>	Suzuki, N. et al., "High Tissue Content of Soluble β 1-40 is Linked to Cerebral Amyloid Angiopathy," Amer. J. Pathol 145:452-460, American Society for Investigative Pathology (August 1994)
AS	<u>24</u>	Suzuki, N. et al., "An Increased Percentage of Long Amyloid β Protein Secreted by Familial Amyloid β Protein Precursor (β APP $_{71}$) Mutants," Science 264:1336-1340, American Association for the Advancement of Science (May 1994)
AT	<u>24</u>	Tanzi, R.E. et al., "Amyloid β Protein Gene: cDNA, mRNA Distribution, and Genetic Linkage Near the Alzheimer Locus," Science 235:880-884, American Association for the Advancement of Science (1987)

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0609.4100001		APPLICATION NO. 10/041,605	
		APPLICANT Tanzi et al.			
		FILING DATE 01/10/2002		GROUP 1743	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
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	AO						Yes No
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AR	<u>25</u>	Tomski, S.J. and Murphy, R.M., "Kinetics of Aggregation of Synthetic β -Amyloid Peptide," <i>Arch. Biochem. Biophys.</i> 294:630-638, Academic Press, Inc. (1992)
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AT	<u>25</u>	Vaughan, D.W. and Peters, A., "The Structure of Neuritic Plaques in the Cerebral Cortex of Aged Rats," <i>Neuropathol. Exp. Neurol.</i> 40:472-487, American Association of Neuropathologists (1981)

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	AR	<u>26</u>	Weiss, J.H. et al., "Scientific Correspondence: Zinc and LTP," <i>Nature</i> 338:212, Macmillan Magazines, Ltd. (1989)
	AS	<u>26</u>	Wenstrup D. et al., "Trace element imbalances in isolated subcellular fractions of Alzheimer's disease brains," <i>Brain Res.</i> 533:125-131, Elsevier Science Publishers B.V. (1990)
	AT	<u>26</u>	Wolf, G. et al., "Uptake and subcellular distribution of ⁶⁵ Zinc in brain structures during the postnatal development of the rat," <i>Neurosci. Lett.</i> 51:277-280, Elsevier Scientific Publishers Ireland, Ltd. (1984)

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	AR	27	Xie, X. and Smart, T.G., "A physiological role for endogenous zinc in rat hippocampal synaptic neurotransmission," <i>Nature</i> 349:521-524, Macmillan Magazines, Ltd. (1991)
	AS	27	Yankner, B.A. et al., "Neurotrophic and Neurotoxic Effects of Amyloid β Protein: Reversal by Tachykinin Neuropeptides," <i>Science</i> 250:279-282, American Association for the Advancement of Science (1990)
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AR	<u>28</u>	Dialog File 351, Accession No. 9996399, Derwent WPI English language abstract for WO 94/17197.
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